



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/352,335	07/13/1999	HIROMI MORI	103815	2119
25944	7590	07/02/2004	EXAMINER	
OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320			TRAN, DOUGLAS Q	
			ART UNIT	PAPER NUMBER
			2624	

DATE MAILED: 07/02/2004

24

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/352,335

Applicant(s)

MORI, HIROMI

Examiner

Douglas Q. Tran

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on RCE/6-2-04.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 27,28 and 30-36 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 27,28 and 30-36 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Request For Continued Examination*

1. The request filed on 06/02/04 for a Request For Continued Examination (RCE) Pursuant to 37 CFR 1.114, based on the Application Serial No. 09/352,335. An action on the RCE follows.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 27-28, 32-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ono et al. (US Patent No. 6,295,136 B1) and Paczewitz (US Patent No. 6,574,002 B1).

As to claim 27, teaches a method of setting a printer setting, comprising steps of:

storing a set data for a printer in a print setting storage region (information setting module 57 in fig. 3);

displaying a first window (DB1 in fig. 5) which indicates the set data upon an instruction by a user to display the first window (i.e., plain paper E2 or Ink setting E3 in fig. 5), the set data being confirmable or changeable by the user on the first window (i.e., boxes of OK or Updated or Cancel in fig. 5);

Art Unit: 2624

activating a second window (DB2 in fig. 6) upon an instruction by the user via a selection in the first window (the displaying object of the more settings E15 "fig. 5" is instructed by the user, the second window is activated in fig. 6);

storing a special set data for the printer in a special setting storage region (information setting module 57 in fig. 3 and col. 15, lines 48-54);

displaying the second window, the second window being different from the first window and which indicates the special set data, the special set data being confirmable or changeable by the user on the second window, wherein the second window is displayed independently of displaying the first window (note: the setting of paper, color from the second window that modifies to the first window "col. 11, lines 61-65"; and the second window "more settings window" would be displayed independently of displaying the first window "properties window" in fig. 5).

However, Ono does not teach the second window is activated for displaying when a printer driver starts operating.

Paczewitz teaches the second window (30 in fig. 4) is activated (the second window 30 in fig. 4 is activated by selecting the box 26 in fig. 3) for displaying when a printer driver starts operating (col. 5, lines 23-40 and col. 6, lines 42-53).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the display system of Ono for the second window is activated for displaying when a printer driver starts operating as taught by Paczewitz. The suggestion for modifying the display system of Ono can be reasoned by one of ordinary skill in the art as set

Art Unit: 2624

forth above by Paczewitz because such a modification would allow the user to set the printing options quickly from the customized printing optional window.

As to claim 28, Ono and Paczewitz discloses every feature discussed in claim 27, and Ono further teaches of the special set data is identical to a part of the set data (plain paper from the second window in fig. 6 is updated from the first window in fig. 5).

As to claim 32, Ono and Paczewitz disclose the method is performed by the apparatus of claim 27 as indicated above.

As to claim 33, Ono discloses a printing processor for a printer (14 in fig. 3) with a printer driver (53 in fig. 3), comprising:

- a memory (i.e., ROM 31 and RAM 32 in fig. 2) containing stored set data (col. 9, lines 56-58 and col. 10, lines 15-17 and 25-28);

- a display (12 in fig. 2) for displaying a first window which indicates the set data upon an instruction by a user to display the first window so that the user can confirm or change the set data on the first window (i.e., boxes of OK or Cancel in fig. 6), the first window containing a selection that enables a user to activate second window for display (i.e., "advanced" or "more setting" functions E15 in fig. 5 for activating the second window such as a window in fig. 6), the second window (the window of "More Setting" in fig. 6) different from the first window and which indicates a special set data so that the user can confirm or change the special set data on the second window (note: the setting of paper, color from the second window which would be changed or confirmed and which modifies to the first window "col. 11, lines 61-65");

- a control means (i.e., CPU 30) for controlling the display (38 in fig. 2) to display the second window (fig. 6).

Art Unit: 2624

However, Ono does not teach the second window is controlled for displaying when the second window has been activated and the printer driver starts operating.

Paczewitz teaches the second window (30 in fig. 4) is activated (the second window 30 in fig. 4 is activated by selecting the box 26 in fig. 3) for displaying when a printer driver starts operating (col. 5, lines 23-40 and col. 6, lines 42-53).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the display system of Ono for the second window is activated for displaying when a printer driver starts operating as taught by Paczewitz. The suggestion for modifying the display system of Ono can be reasoned by one of ordinary skill in the art as set forth above by Paczewitz because such a modification would allow the user to set the printing options quickly from the customized printing optional window.

As to claim 34, Ono and Paczewitz disclose every feature discussed in claim 33, and Ono further teaches a setting means (i.e., print quality setting E21 in fig. 6) for setting when to display the second window (fig. 6).

As to claim 35, Ono and Paczewitz disclose every feature discussed in claim 33, and Ono further teaches the memory includes a plurality of storage regions (col. 15, lines 27-53).

4. Claims 30-31 and 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ono and Paczewitz, in view of claims 27 and 33, in combination of Applicant's admitted prior art.

As to claim 30, Ono and Paczewitz disclose every feature discussed in claim 27.

Art Unit: 2624

However, Ono does not teach the printer has a plurality of discharge portions, in each of which a sheet is discharged, and the special set data includes a designated discharge position which is displayed in the second window.

Applicant's admitted prior art further teaches the printer has a plurality of discharge positions and can discharge a printer paper to a discharge position specified previously (page 3, lines 15-16), and the specified discharge position is displayed on the second window (a window in fig. 11 is selected by "Mailbox setup" 114 including discharge position such as tray 1 or tray 2).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the display system of Ono and Paczewitz for the second window is activated for displaying the specified discharge position as taught by Applicant's admitted prior art. The suggestion for modifying the display system of Ono and Paczewitz can be reasoned by one of ordinary skill in the art as set forth above by Applicant's admitted prior art because such a modification would allow the user to set the printing options quickly from the customized discharge positions window.

As to claim 31, Ono, Paczewitz and Applicant's admitted prior art discloses every feature discussed in claim 30, Applicant's admitted prior art teaches the displayed step of the second window (fig. 11) involves changing the designated discharges position into another discharge position (the user can select any discharge position in the box of "Output Bin" in fig. 11) and updating the changed discharge position in the special setting storage region (page 2, lines 12-16).

Art Unit: 2624

As to claim 36, Ono, Paczewitz and Applicant's admitted prior art discloses disclose every feature discussed in claim 33, and Applicant's admitted prior art further teaches the printer has a plurality of discharge positions and can discharge a printer paper to a discharge position specified previously (page 3, lines 15-16), and the specified discharge position is displayed on the second window (a window in fig. 11 is selected by "Mailbox setup" 114 including discharge position such as tray 1 or tray 2).

***Examiner's Remark***

Koopmans et al. (US Patent No. 5,121,477) discloses the second window is activated from the first window and the second window is displayed during the application run-time.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas Q. Tran whose telephone number is (703) 305-4857 or E-mail address is Douglas.tran@uspto.gov.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Douglas Q. Tran  
June 21, 2004

A handwritten signature in black ink, appearing to read "Tran Douglas", with a long horizontal stroke extending to the right.